

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ BONANZA BASIN (ROBSON)

OBJECT LOCATED
OBJET LOCALISÉ Robson workings

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat.	51°01'20"	Long.	122°53'30"
Lat.		Long.	

Mining Division <i>Division minière</i>	Lillooet	District <i>District</i>	
County <i>Comté</i>		Township or Parish <i>Canton ou paroisse</i>	
Lot		Concession or Range <i>Concession ou rang</i>	
Sec <i>Sect.</i>	Tp. <i>Ct.</i>	R. <i>R.</i>	

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Gold-silver bearing veins of base metal sulphides and sulphosalt minerals and minor quartz occupy fault structures in Upper Triassic Cadwallader Group volcanic and sedimentary rocks near the northwest corner of the Eocene or older Eldorado pluton. Vein mineralization is reported by various authors to include pyrite, arsenopyrite, stibnite, jamesonite, sphalerite, galena, boulangerite, ruby silver, chalcopyrite, and a trace of tin. Best values from 1986 drilling on the Robson Vein was 1.32 oz/t Au and 13.68 oz/t Ag from a 2.6 foot vein intersection in hole 86-3; a 10 foot section in the hole assayed .104 oz/t Au, 1.21 oz/t Ag; the drilling indicated the vein is approximately parallel to the present slope.

Associated minerals or products
Minéraux ou produits associés Silver, lead, copper, antimony, tin

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located at elevations of 5 000 to 8 000 feet on tributaries of Bonanza Creek, on the northerly side of Eldorado Mountain, some 17.6 km north-northwest of Gold Bridge and 170 km north of Vancouver.

Claims were staked on small vein showings in this vicinity by a Mr. Pearson in about 1912. Mr. Cooper Drabble and associates staked some 30 claims on the showings in about 1933. A number of veins were exposed by stripping, trenching and extensive ground-sluicing; sampling indicated gold-silver values over narrow widths.

In about 1938, the ground was restaked as the JG, A, B, and Ann groups and fractions totalling 35 claims by J.G. Robson and J.A. Anderson, principals of J.G. Mining Company. Small shipments of high grade ore were mined in a short adit in 1939. The Bralorne Mines, Limited held an examining option for six weeks during 1940. In this time, they repaired the 700 foot long adit and extended it 130 feet; did considerable trenching and completed 700 feet of diamond drilling. A second adit was later driven 40 feet by Anderson. The above claims (Lots 7431-7435, 7582-7607) were Crown-granted in 1948 to Elmore Meredith, of Seattle.

The Crown-grants were held in 1967-68, by Bridge River United Mines Ltd. as part of a large property extending south-erly across Eldorado mountain to the Taylor Creek basin. Bulldozer trenching and minor EM and geochemical surveys reported at this time may have been on the Bonanza property.

In 1975, Standard Oil Company (Chevron Canada Resources) acquired the extended property from Bridge River United (then International Space Modules Ltd.). In 1975-76 extensive geochemical soil surveys were carried out over the entire property.

Chevron Canada in 1979 sold the Bonanza Basin property to Mutual Resources Ltd., subject to a 5% net smelter royalty; geological mapping, extensive trenching and sampling were carried out between 1979 and 1981.

Cinnabar Resources Ltd. in August 1985 acquired from Mutual an option to earn a 50% interest in the property. Work in 1985-86 included geochemical surveys comprising 715 soil, 2 silt, and 33 rock samples, mag and VLF-EM surveys

p.t.o.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1939-40, 34 tonnes of ore were shipped from this property. From this ore 2,208 grams gold, 18,071 grams silver, 193 kg copper, and 2,640 kg lead were recovered (BC EMPR, Minfile, 92 O-26).

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1933, p. 269; 1940, p. 59; 1967, p. 129; 1968, p. 161

Exploration in British Columbia: BC EMPR: 1975, p. 118; 1976, p. 130; 1979, p. 194; 1986, pp. C283, C284

++Christopher, P.A.; Bonanza Basin Property, 2/09/87, in Cinnabar Resources Ltd. Statement of Material Facts, 25/09/87.

Geological Fieldwork, BC EMPR: 1988, pp. 125, 126 +

Cairnes, C.E.; Geology and Mineral Deposits of Tyaughton Lake Map-Area; Paper 43-15, pp. 27-28, Geol. Surv. of Canada, 1943.

Bateman, A.M.; Lillooet Map-Area; Summary Report, 1912, pp. 206-207, Geol. Surv. of Canada.

Mineral Policy Sector; Corporation Files: "Bridge River United Mines Ltd."; "Cinnabar Resources Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

#Map 43-15A, Tyaughton Lake, (Geol.), Sc. 1": ½ mile, accomp. Paper 43-15.

Generalized geology, Sc. 0.3 cm: 1 km, Figure 1-14-3, Geological Fieldwork, 1988, p. 118.

Bonanza Basin Project, (Geol.), Figure 3, Report by Christopher, 1985.

*Map 92 O/2, Noaxe Creek, (Topo.), Sc. 1: 50 000.

HISTORY OF EXPLORATION AND DEVELOPMENT (cont)

over 19 km, and 152.3 m of diamond drilling in 5 holes; the drilling showed the vein to be near, and approximately parallel to the present surface, indicating the potential for open pit mining.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	05-89						